"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.

Study of the ontogenetic development of Diasalocceras Subsequens (Karakasch). Vest.Mosk.un. 8 no.6:157-162 Je '53. (MLRA 6:10)

1. Kafedra paleontologii. (Ammonoidea)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.

Data on the ontogenesis of a new species of euphylloceras ammonite. Vest. Mosk.un.8 no.9:141-147 S '53. (MLRA 6:11)

1. Kafedra paleontologii. (Crimea--Ammonoidea) (Ammonoidea--Crimea

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.

New data on the systematics of Lower Cretaceous ammonites (author's summary). Biul.MOIP. Otd.geol. 28 no.2:88-89 '53. (MLRA 6:11) (Ammonoidea)

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USSR/ Biology - Paleontology

Card 1/1 : Pub. 86 - 21/34

Authors : Drushchits, V. V., Cand. of Geolog. Mineral. Sc.

Title : Damages to the shell of low-cretaceous ammonites

Periodical : Priroda 1, 110-112, Jan 1954

Abstract : The causes for the damages to the shells of ammonites from the Cretaceous period, are explained. The traces of the healed shell-fractures offer data on the physiological and histological processes in the fossil organisms. Illustrations.

Institution The M. V. Lomonosov State University, Moscow

Submitted : .....

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.; ORLOV, Yu.A., otvetstvennyy redaktor; MERKLIN, R.L., redaktor; TERNKHOVA, D.F., tekhnicheskiy redaktor

[Lower Cretaceous ammonites of the Crimea and the Northern Caucasus; Lytoceratidae, Tetragonitidae and Phylloceratidae] Nishnemelovye ammonity Kryma i Severnogo Kavkaza; litotseratidy. tetragonitidy i fillotseratidy. [Moskva] Izd-vo Moskovskogo univ., 1956. 149 p. (MLRA 9:10)

1. Chlen-korrespondent AN SSSR (for Orlov)
(Crimea--Ammonoidea) (Caucasus, Northern--Ammonoidea)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.

Systematics of the family Parahoplitidae. Uch.zap.Mosk.un. no.176: 105-113 '56. (MLRA 9:12)
(Ammonoidea)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

Drushchits, V.V.

AUTHOR: Drushchits, V. V. 5-6-39/42

TITLE: Paleontological Basis for the Stratigraphy of the Lower-Cretaceous Deposits of the Crimea (Paleontologicheskoye obosnovaniye stratigrafii nizhnemelovykh otlozheniy Kryma)

PERIODICAL: Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, 1957, # 6, pp 151-152 (USSR)

ABSTRACT: The Lower-Cretaceous deposits of the Crimea and their fauna were studied by an expedition headed by the author, of the Geological Faculty of the MGU during 1954 to 1956. These deposits extend from the river Chernaya in the south-west to Feodosiya in the east in the form of a narrow strip.

The author classifies them into stages and describes the petrographic and paleontological characteristics of each stage.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V. V.

ORLOV, Yu.A., glavnyy red.; LUPPOV, N.P., otvetstvennyy red.; DRUSHCHITS, V.V., otvetstvennyy red.; OVCHINNIKOVA, S.V., red.; GUROVA, O.A., tekhn. red.

[Fundamentals of paleontology; manual in fifteen volumes for paleontologists and geologists of the U.S.S.R.] Osnovy paleontologii; spravochnik dlia paleontologov i geologov SSSR v piatnadtsati tomakh. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. [Vol.6] [Molusks - Cephalopods] Molliusi - golovonogie. Part II [Ammonoids (Ceratities and Ammonites), Endocochlia. Supplement: coniconchia] Ammonoidei (tseratity i ammonity), vnutrennerakovinnye. Prilozhenie: konikonkhii. Otv.red. toma N.P.Luppov, V.V.Drushchits. 1958. 358 p. (MIRA 11:6)
(Ammonoidea)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.; YANIN, B.T.

New correlation of lower Cretaceous sediments in the Bel'bek Valley (Crimea). Nauch.dokl.vys.shkoly; geol.-geog.nauki no.1: 172-175 '58. (MIRA 12:2)

1. Moskovskiy universitet, geologicheskiy fakul'tet, kafedra paleontologii.
(Bel'bek--Geology, Stratigraphic)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHITS, V.V.; SHIMANSKIY, V.N.

Miscellaneous. Paleont. zhur. no.2:142-143 '59.
(MIRA 13:1)
(Paleontology)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.; OLENIN, V.B.; SOKOLOV, B.A.; TROKHOVA, A.A.

New data on the lower Cretaceous stratigraphy of central Abkhazia.
Izv.vys.ucheb.zav.; geol.i razv. 2 no.8:37-42 '59.
(MIRA 13:4)

1. Moskovskiy gosudarstbennyy universitet.
(Abkhazia--Geology, Stratigraphic)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.; YANIN, B.T.

Lower Cretaceous deposits of central Crimea. Vest.Mosk.un.Ser. biol., pochv., geol., geog. 14 no.1:115-120 '59. (MIRA 12:9)

1. Moskovskiy gosudarstvennyy universitet, Kafedra paleontologii. (Crimea--Geology, Stratigraphic)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V., GORBACHIK, T.N.

Albian deposits in the eastern Crimea. Vest. Mosk. un Ser. biol., pochv., geol., geog. 14 no.3:117-122 '59. (MIRA13:6)

1. Kafedra paleontologii Moskovskogo universiteta.
(Crimea--Geology, Stratigraphic)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V., red.; KUDRYAVTSEV, M.P., red.; MENNER, V.V., glavnyy red.; SHOROKHOVA, L.I., vedushchiy red.; POLOSINA, A.S., tekhn.red.

[Atlas of lower Cretaceous fauna of the Northern Caucasus and the Crimea] Atlas nizhnemelovoi fauny Severnogo Kavkaza i Kryma. Pod red. V.V.Drushchitsa i M.P.Kudriavtseva. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 699 p. (MIRA 13:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnykh gazov. 2. Geologicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta (for Drushchits). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnogo gaza (for Kudryavtsev).
(Caucasus, Northern--Paleontology, Stratigraphic)
(Crimea--Paleontology, Stratigraphic)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

AZHGIREY, G.D., prof., otv.red.; SLAVIN, V.I., prof., red.; SMIRNOV, V.I., prof., red.; KHAIN, V.Ye., prof., red.; DRUSHCHITS, V.V., dotsent, red.; GAYDASH, Ya.F., tekhn.red.

[Materials on the geology and metallogeny of the central and western Caucasus; transactions] Materialy po geologii i metallogenii TSentral'nogo i Zapadnogo Kavkaza; trudy. Stavropol', Stavropol'skoe knizhnoe izd-vo. Vol.2. 1960. 226 p. (MIRA 14:3)

1. Kavkazskaya ekspeditsiya VAGT i Moskovskogo gosudarstvennogo universiteta, 1957.
(Caucasus--Geology)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.

Defense of dissertations at the Geological Faculty of Moscow State University. Izv.vys.ucheb.zav.; geol.i razv. 3 no.4:136-138 Ap '60. (MIRA 13:7)

(Moscow University--Geology)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.; MIKHAYLOVA, I.A.

Lower Cretaceous sediments in central Ciscaucasia. Trudy VAGT no.6:78-87 '60. (MIRA 14:3)
(Caucasus, Northern—Paleonthology)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, Vladimir Vasil'yevich; YAKUBOVSKAYA, Tamara Antonovna; VAKHRAMEYEV, V.A., otv. red.; POMALEN'KAYA, O.T., red.; LAZAREVA, L.V., tekhn. red.

[Paleobotanical atlas] Paleobotanicheskii atlas. Moskva, Izd-vo Mosk. univ., 1961. 178 p. (MIRA 14:10)
(Paleobotany—Laboratory manuals)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.

Aptychuses; survey of the literature. Biul. MOIP. Otd. geol. 36 no.2:138-139 Mr-Ap '61. (MIRA 14:7)
(Ammonoidea)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

OBRUCHEVA, O.P.; ORLOV, Yu.A., akademik, red.; DRUSHCHITS, V.V., dots., red.; LAZAREVA, L.V., tekhn. red.

[Devonian armored fishes of the U.S.S.R. (Coccosteidae and Dinichthyidae)]Pantsirnye ryby devona SSSR (kokkosteidy i dinikhtiidy). Moskva, Izd-vo Mosk. univ., 1962. 188 p. (MIRA 15:7)
(Arhrodira)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, Vladimir Vasil'yevich; OBRUCHEVA, Ol'ga Pavlovna; MENNER, V.V., prof., retsenzent; GOLEV, B.G., dots., retsenzent; ORLOV, Yu.A., prof., red.; PETROVA, K.A., red.; YERMAKOV, M.S., tekhn. red.

[Paleontology] Paleontologiia. Pod red. IU.A.Orlova. Moskva, Izd-vo Mosk. univ., 1962. 378 p. (MIRA 16:1)

1. Kafedra paleontologii geologicheskogo fakul'teta Moskovskogo gosudarstvennogo universiteta (for Drushchits). 2. Zaveduyushchiy kafedroy paleontologii geologicheskogo fakul'teta Moskovskogo gosudarstvennogo universiteta (for Orlov).
(Paleontology)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

AZHGIREY, G.D., prof., otv. red.; DRUSHCHITS, V.V., dots., red.; ZARIDZE, G.M., prof., red.; SLAVIN, V.I., prof., red.; KHAIN, V.Ye., prof., red.

[Geology of the central and western Caucasus; transactions] Geologiia TSentral'nogo i Zapadnogo Kavkaza; trudy. Moskva, Gostoptekhizdat. Vol.3. 1962. 396 p. (MIRA 15:7)

1. Kavkazskaya ekspeditsiya VAGT i MGU, 1959-1960.
(Caucasus—Geology)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V., dots.; ASTROVA, G.A.; MERKLIN, R.L.; SHIMANSKIY, V.N.; ORLOV, Yu.A., akademik, otv. red.; KOTLYAREVSKAYA, P.S., red.; YERMAKOV, M.S., tekhn. red.

[Paleontology of invertebrates] Paleontologiia bespozvonochnykh. Moskva, Izd-vo Mosk.univ., 1962. 467 p. (MIRA 15:7)
(Invertebrates, Fossil)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.

Ammonites of the Lower Cretaceous in the Crimea and Northern Caucasus. Biul. MOIP. Otd.geol. 37 no.3:128 My-Je '62. (MIRA 15:10)

(Crimea—Ammonoidea) (Caucasus, Northern—Ammonoidea)

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DRUSHCHITS, V.V.; SHIMANSKIY, V.N.

Some stages in the development of the organic world in the Paleozoic. Biul. MOIP. Otd.geol. 37 no.3:135-136 My-Je '62. (MIRA 15:10)

(Paleontology)

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DRUSHCHITS, V.V.

Volume of the order Lytoceratida. Biul. MOIP Otd. geol. 37 no.6:132-133 N-D '62. (MIRA 16:8)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.; SHIMANSKIY, V.N.

The scope of the Paleozoic period. Dokl. AN SSSR 144 no.5: 1115-1118 Je '62. (MIRA 15:6)

1. Paleontologicheskiy institut AN SSSR. Predstavleno akademikom N.M.Strakhovym.

(Geology, Stratigraphic)

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DRUSHCHITS, V. V.

On the dividing line between the Hauterivian and Barremian stages. Dokl. AN SSSR 147 no.4:900-903 D '62. (MIRA 16:1)

1. Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova. Predstavleno akademikom Yu. A. Orlovym.

(Geology, Stratigraphic)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.; PERGAMENT, M.A.

Upper Cretaceous genus Nipponites from Kamchatka and Sakhalin. (MIRA 16:8)
Paleont. zhur. no.2:38-42 '63.

1. Moskovskiy gosudarstvennyy universitet.
(Kamchatka--Ammonoidea) (Sakhalin--Ammonoidea)

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DRUSHCHITS, V.V.

Stratigraphic position of the Clansay horizon. Dokl. AN SSSR 151 no.4:907-910 Ag '63. (MIRA 16:8)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akademikom Yu.A.Orlovym.
(Geology, Stratigraphic)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, V.V.

Stratigraphic position of Colchidite layers in the zone of Colchidites securiformis. Dokl. AN SSSR. 152 no.6:1428-1431 O '63. (MIRA 16:11)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova. Predstavleno akademikom Yu.A. Orlovym.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHCHITS, Yu.G.

New data on the stratigraphy of Tertiary sediments in the Palana Valley in Kamchatka. Sov.geol. 3 no.5:118-122 My '60. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.
(Palana Valley--Geology, Stratigraphic)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHININA, A.V., ZHIGURO, T.A.

Die Oxydation reiner und Zusatze enthaltender Getriebeole und der in ihre Zusammensetzung eingehender Kohlenwasserstoffgruppen im Arbeitsprozeb des Motors.

Report to be submitted for the Symposium on Lubricants and Lubrication, Dresden, 27-30 June 1961.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

BRYUKHOVETSKIY, V.D., inzh.; GORMAN, I.N., inzh.; DZYSYUK, A.A., inzh.; DRUSHLYAK, V.M., inzh.

Removal of iron from industrial condensate by means of filtration through a cellulose layer. Elek. sta. 32 no.12:61 D '61. (MIRA 15:1)

(Feed-water purification)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSHLYAKOV, I.

Our experience with computer-analytic machines. Den. i kred. 16 no.11:67-68 N '58. (MIRA 11:12)
(Krasnodar Territory--Banks and banking--Accounting)
(Machine accounting)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSKIN, L.I.; VINOGRADOV, N.I.

Conversion of water tube boilers to gas. Gaz.prom. no.5:14-19 My '56. (MLRA 10:1)

(Boilers, Watertube)
(Gas as fuel)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

VIGDORCHIK, D.Ya.; DRUSKIN, L.I.; IVANOV, V.N.; STROGAL'SHCHIKOVA, L.B.

Conversion of VNIISTO small cast-iron household heating boilers to gas fuel. Gaz.prom.no.9:17-22 S '56. (MLRA 9:10)
(Gas as fuel) (Boilers)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

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DRUSKIN, L.I.

ALEKSANDROVICH, A.I.; VIGDORCHIK, D.Ya.; DRUSKIN, L.I.; ZIL'BERSHTEYN, I.A.; MAYZEL'S, P.B.; MURAV'YEV, I.M.; PODKOPAYEV, M.F.; SLADKOV, S.P.; STOYUNIN, G.P.; AVRUSHCHENKO, R.A., red.; KONYASHINA, A.D., tekhn.red.

[Gasburners for city gas use] Gazogorelochnye ustroistva dlia gorodskogo gazosnabzheniia. Pod obshchei red. P.B.Maizel'sa. Moskva, Izd-vo M-va kommun.khoz. RSFSR, 1957. 202 p. (MIRA 11:2)
(Gas-burners)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

VIGDORCHIK, D.Ya.; GORODOV, K.I.; DRUSKIN, L.I.; CHERKINSKIY, B.E.

Utilization of gas by the textile industry (to be concluded).
Gaz.prom. no.5:17-23 My '57. (MLRA 10:5)
(Textile fabrics--Drying) (Gas as fuel)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

VIGDORCHIK, D.Ye.; GORODKOV, K.I.; DRUSKIN, L.I.; CHERKINSKIY, F.E.

Using gas in the textile industry. Gaz.prom. no.6:14-20 Je '57.
(MLRA 10:7)

(Gas appliances) (Textile fabrics--Drying)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

133-10-25/26

AUTHOR: Druskin, L. I., Candidate of Technical Sciences
Ivanov, V. M., Candidate of Technical Sciences and
B.V. Kantorovich, Professor, Doctor of Technical Sciences.

TITLE: Calculation of Temperatures in Tunnel-Type Gas Burners (Raschet temperatur v tunnel'nykh gazovykh gorelkakh)

PERIODICAL: Stal', 1957, No.10, pp. 951-957 (USSR).

ABSTRACT: On the basis of experimental data a method of calculating the temperature along the chamotte tunnel is proposed. The experimental part of the work was carried out by L. I. Druskin on an experimental installation of the Institute of Mospodzemproyekt, the diagram of which is shown in Figure 1, and the experimental tunnel burners are shown in Figure 2. Data on air-gas mixtures used in the experiments - Table 1. Experimental results are shown in Figures 3-8 and Table 2. It is concluded that: 1) Satisfactory flameless combustion of gas in chamotte tunnel burners can be obtained with excess air not exceeding 1.1 (providing the mixing of gas and air is good). 2). The combustion of air-gas mixture in chamotte tunnel burners with incandescent walls takes place practically uniformly across the whole cross-section of the burner. 3). During the process

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Calculation of Temperatures in Tunnel-Type Gas Burners

of combustion of air-gas mixture in such burners at temperatures 1000-1500°C intermediate combustion products - methanol and formaldehyde are formed. 4) The approximate formulae derived on the basis of general equations of combustion of a gas stream for calculating the distribution of oxygen concentrations, burning out of the combustion mixture and the temperature along the length of a chamotte tunnel burner as well as the coefficient m, characterising the combustion process which was obtained on the basis of generalising the experimental results, allowed the plotting of calculated curves of the distribution of oxygen concentrations and temperatures along the length of the burner (taking into consideration radiation through the outlet) which agreed satisfactorily with the experimental data. 5) The treatment of experimental data in the dimensionless form within the limits of the combustion zone and cooling zone indicated the existance of straight line relationships (26) and (27), using which the calculation of temperatures in tunnel burners is even more simplified. There are Card 2/3 figures, 1 table and 4 references, all are Slavic.

ASSOCIATION: Institute of Mineral Fuels AS USSR (Institut Goryuchikh Iskopayemykh AN SSSR)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

133-10-25/26

Calculation of Temperatures in Tunnel-Type Gas Burners

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Card 3/3

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

[redacted]

BRUSKIN, L.I.

Ring burners for domestic gas stoves. Gaz. prom. no.2:15-20 F '58.
(Gas burners) (MIRA 11:2)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSKIN, Lev Iosifovich; STOYUNIN, G.P., red.; BOBYLEVA, L.V., red. izd-va; VOLKOV, S.V., tekhn.red.

[Burning gas in boilers] Szhiganie gaza v kotlakh. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1959. 158 p. (MIRA 13:1)
(Boilers)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

VOLKOV, M.A.; DRUSKIN, L.I.; PRAVOVEROV, K.N.; ROGINSKIY, O.L.

Investigating flameless gas burners with ring nozzles. Gaz. prom. 4 no.9:27-31 S '59. (MIRA 12:11)
(Gas burners)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

MAYZEL'S, P.B.; DRUSKIN, L.I.

Boosting gas pressure in urban low-pressure systems. Gaz. prom. 5 no.5:23-27 My '60. (MIRA 14:11)
(Gas distribution)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSKIN, L.I. Prinimal uchastiye FORER, I.B., inzh.; STOTSKIY, L.R., retsenzent; VRONSKIY, L.N., ved. red.; YAKOVLEVA, Z.I., tekhn. red.

[Gas burning in industrial furnaces and boiler units] Szhiganie gaza v promyshlennykh pechakh i kotlakh. Moskva, Gostoptekhizdat, 1962. 263 p. (MIRA 15:11)
(Gas as fuel)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

VYSHELESSKIY, A.N.; SHMUEL'SON, I.E.; LITVINA, L.S.; DRUSKIN, L.I.; BELYUNOVA, V.S.

New gas heating equipment for public eating establishments. Gaz. prom. 7 no.5:46-50 '62. (MIRA 17:11)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSKIN, L.I.; SEMENSON, I.E.

Using infrared-radiation gas burners to heat street vending machines. Gaz. prom. 8 no.12:22-25 '63 (MIRA 18:2)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSKIN, L.I.; SHMUEL'SON, I.E.

Ignition and safety device for infrared-radiation gas burners.
Gaz. prom. 9 no.1:27-29 '64. (MIRA 17:12)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

SHAPOSHNIKOV, Yu.K.; VEDENEYEV, K.P.; DRUSKINA, E.Z.; KOSYUKOVA, L.V.; VODZINSKIY, Yu.V.

Use of gas chromatography for the analysis of butyl acetate obtained from various technological raw materials. Sbor. trud. TSNILKHI no.15:100-112 '63.

(MIRA 17:11)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSKINA, E.Z.; SHAPOSHNIKOV, Yu.K.; VODZINSKIY, Yu.V.; CHASHCHIN, A.M.

Determination of lower fatty acids and their ethyl esters by gas-liquid chromatography. Gidroliz. i lesokhim. prom. 17 no.3: 15-17 '64. (MIRA 17:9)

1. TSentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut.

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSKINA, E.Z.; SHAPOSHNIKOV, Yu.K.; VODZINSKIY, Yu.V.

Determination of impurities in ethyl acetate by gas-liquid chromatography. Zav. lab. 30 no.11:1333 '64 (MIRA 18:1)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektnyy institut lesokhimicheskoy promyshlennosti.

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

SHAPOSHNIKOV, Yu.K.; VODZINSKIY, Yu.V.; KOSYUKOVA, L.V.; DRUSKINA, E.Z.

What causes the increase of acidity in butyl acetate? Gidroliz. i lesokhim. prom. 17 no.6:5-7 '64. (MIRA 17:12)

1. Tsentral'nyy nauchno-issledovatel'skiy i proyektnyy institut lesokhimicheskoy promyshlennosti.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSKINA, L. S.

"New Data Concerning the Action of Light on Atomic Centers in the Crystals of the Halides of Alkaline Metals. II," Zhur. eksper. i teoret. fiz., 12, Nos. 1-2, 1942

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

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S/089/62/012/001/013/019
B102/B138

27.2400

AUTHORS: Druskina, L. S., Dmitriyeva, T. G., Filippov. Yu. A.

TITLE: Improvements in the photographic method of personnel monitoring

PERIODICAL: Atomnaya energiya, v. 12, no. 1, 1962, 57-58

TEXT: The possibilities of extending the range of applicability of the photographic method of radiation monitoring was studied, using films of the type Рентген XX (Rentgen XX) with sensitivity of 25-30 reciprocal r. This type has a lower limit of ~ 0.05 r, which corresponds to three days maximum permissible dose, and an upper limit of 2.5-3 r. Attempts were made to extend this range in both directions by chemical intensifying and thinning the negatives with the aim of changing the optical density, first of the previously exposed and then of the developed X-ray films. The films were exposed to Ra^{228} radiation and developed in metol-hydroquinone. The darkened film was then treated with a proportional clearing agent: potassium ferrocyanide with sodium thiosulfate. Density was measured with a photoelectrical densitometer ДФЭ-10 (DFE-10) in dependence on the

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Improvements in the photographic...

irradiation dose. The measurements were plotted for different concentrations of potassium ferrocyanide: 50, 25, 50 and 50 g/l and 9, 18, 18 and 27 min, respectively. Before clearing the darkening-versus-dose curve was so steep that accurate measuring was only possible up to 2.5 r. After clearing, the curves were bent, so that accuracy could be extended to 50 r. A concentration of 50 g/l (27 min) was found to be best. The negatives were intensified in quinone thiosulfate. From the darkening-versus-dose curves it can be seen that intensification shifts the lower limit to ~0.01 r. For clearing and intensification the films must be uniform and have received similar photographic pretreatment. There are 2 figures, 1 table, and 2 Soviet references.

Card 2/2

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUSKOVIC, F.

DRUSKOVIC, F. Traffic safety on Slovenian highways. p. 304.

Vol. 4, No. 8/9, Aug./Sept. 1956.
CESTE I MOSTOVI
TECHNOLOGY
Zagreb, Yugoslavia

So: East European Accession, Vol. 6, No. 2, February 1957

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

NIKOLAYEV, L., inzh.; OLEYNIK, G.; DRUST, V.; MINISHEV, P., inzh.; LUKASHEVSKIY, L., inzh.

Adopted at the Exhibition of the Achievements of the National Economy and introduced into industrial production. Inform.biul. VDNKH no.11:11-12 N '64. (MIRA 18:2)

1. TSentral'noye byuro tekhnicheskoy informatsii Privolzhskogo soveta narodnogo khozyaystva (for Oleynik). 2. Latviyskiy institut nauchno-tekhnicheskoy informatsii (for Drust).

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

COUNTRY : Rumania E-3
CATEGORY : Analytical Chemistry - Analysis of Organic Substances.
ABS. JOUR. : RZKhim., No. 19, 1959, No. 67741

AUTHOR : Agrement, A.; Ionescu, N.; Druta, I.
INST. : Iasi University
TITLE : Elemental Organic Analysis in Unfilled Tube

ORIG. PUB. : An. stiint. Univ. Iasi, 1958, Sec. 1, 4, No 1, 199-203
ABSTRACT : Modified equipment is proposed for effecting the combustion of organic substance in an unfilled tube according to the method of Korshun, in a current of air in lieu of O_2 (RZhKhim., 1959, No 20, 45870). The modification consists in providing the combustion tube with a sealed-in tubing 30 cm long, for the admission of air, which extends to the sample-containing beaker. After pyrolysis, this burner is moved by means of a magnet into the air-inlet tubing in such a manner that the tubing extends to the bottom of the beaker, and the carbon residue on the walls of the beaker is burned off. By this procedure the combustion of the carbon occurs rapidly and completely, and duration of the combustion of 5-10 mg substance is reduced by 10-20 minutes. -- B. Manole.

CARD: 1/1

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

BUDESANU, Const. H.; DRUTA, I.D.

Syntheses of anticancerous substances. Pt.4. Anal St Jassy I 10 no.1:45-51 '64.

1. Submitted October 25-28, 1962.

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

BUDEANU, Const. H.; BUDEANU, Elena; DRUTA, I.D.

Synthesis of anticancerous substances. Pt.2. Anal St Jassy I 10 no.2:159-163 '64.

1. Chair of Organic Chemistry, "Al. I. Cuza" University.
Submitted October, 1962.

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUTMAN, Georgiy Vladimirovich; PETROV, Nikolay Aleksandrovich; FEL'DMAN, Il'ya Afanas'yevich; SHISHKIN, V.N., red.; KHROMCHENKO, F.I., red.izd-va; ROMANOVA, V.V., tekhn.red.

[Handbook on reconnaissance of triangulation and traverse stations] Spravochnoe posobie po rekognostsirovke punktov trianguliatsii i poligonometrii. Moskva, Geodezizdat, 1962. 219 p. (MIRA 16:4)
(Triangulation) (Traverses (Surveying))

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

GUS'KOVA, A.K.; DRUTMAN, R.D.; MALYSHEVA, M.S.; SOLDATOVA, V.A.

Determination of the dosis and the possibility of clinical diagnosis of disease caused by exposure to Po^{210}. Med. rad. 9 no.8:51-60 Ag '64.
(MIRA 18:4)

1. Radiologicheskoye otdeleniya kliniki Instituta gigiyeny truda i professional'nykh zabolevaniy (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A.Letavet) AMN SSSR.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

BABAYANTS, R.S.; BLAGOVESHCHENSKAYA, V.V.; VERGILESOVA, O.S.; VISSONOV, Yu.V.; VYALOVA, N.A.; GLAZUNOV, I.S.; DRUTMAN, R.D.; KLEMPARSKAYA, N.N.; KOTOVA, E.S.; KURSHAKOV, N.A., prof.; LARICHEVA, L.P.; LYSKOVA, M.N.; MALYSHEVA, M.S.; PETUSHKOV, V.N.; RYNKOVA, N.N.; SOKOL'OVA, I.I.; STUDENIKINA, L.A.; CHUSOVA, V.N.; SHESTIKHINA, O.N.; SHULYATIKOVA, A.Ya.; SHTUKKENBERG, Yu.M.; BARANOVA, Ye.F., red.

[Acute radiation lesion in man] Ostraia radiatsionnaia travma u cheloveka. Moskva, Meditsina, 1965. 313 p.
(MIRA 18:9)

1. Chlen-korrespondent AMN SSSR (for Kurshakov).

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

L 37672-66 EWT(m)
ACC NR: AP6028848 SOURCE CODE: UR/0241/66/011/004/0015/0042

AUTHOR: Kurshakov, N. A.; Baysogolov, G. D.; Gus'kova, A. K. (Deceased); Shtukkenberg, Yu. M.; Drutman, R. D.; Malysheva, M. S. (Deceased)
ORG: none

30
B

TITLE: Correlation of local tissue changes and general reactions at different phases of the acute radiation syndrome in man

SOURCE: Meditsinskaya radiologiya, v. 11, no. 4, 1966, 15-42
TOPIC TAGS: radiation biologic effect, dosimetry, tissue physiology, reflex activity, blood chemistry, radiation sickness, pathogenesis, blood

ABSTRACT: The authors studied pathogenetic mechanisms in local and whole-body irradiation and sought to explain the importance of the dose distribution in the origin of certain clinical symptoms, the course and outcome of the affection, i.e., the correlation between local tissue damage and general, particularly reflex, reactions of the organism.

The relationship between the beam of neutrons Π_0 and the specific activity of blood C is of the form:

$$\Pi_0 = 1.4 \cdot 10^6 \cdot \bar{L}C \cdot \eta_{or},$$

where Π_0 is the beam of neutrons in neutrons/cm^2; $\bar{L}$, mean effective path along which the absorption of neutrons in the tissue takes

Card 1/2 UDC: 617-001.28-031.84:617-001.28-031.841-036.1

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

place: $_3C$. mean specific activity of Na^{24} in blood in disintegratio min·cm^3; η_{cr}, ratio of concentrations of Na^{23} atoms in tissue and in blood. For the unirradiated person, the mean value of this ratio is 0.87.

Following irradiation at sublethal doses, during the first few days a decrease in the Na^{24} concentration in the blood can be observed, therefore in the determination of the value of Π_0 the value of η_{cr} is increased.

Most of the clinical observations of radiation sickness in man fall well within the framework of the classification proposed by foreign authors and the present Soviet authors (Gaysogolov and Gus'kov), based on the difference of the leading pathogenetic mechanisms of particular forms of radiation sickness. The typical form of the affection with the presence of the widely accepted four phases in the period of the formation of acute radiation syndrome is developed with whole-body irradiation at doses equal to 100 - 1,000 ber. The determining factor in the pathogenesis of this form is the disruption of processes of physiological regeneration in the entire hemopoietic system with the infection complications and phenomena of hemorrhagic diathesis inherent in this form. Orig. art. has: 13 figures, 2 formulas and 5 tables. [JPRS: 36,932]

SUB CODE: 06 / SUBM DATE: 26Sep65 / ORIG REF: 017 / OTH REF: 014

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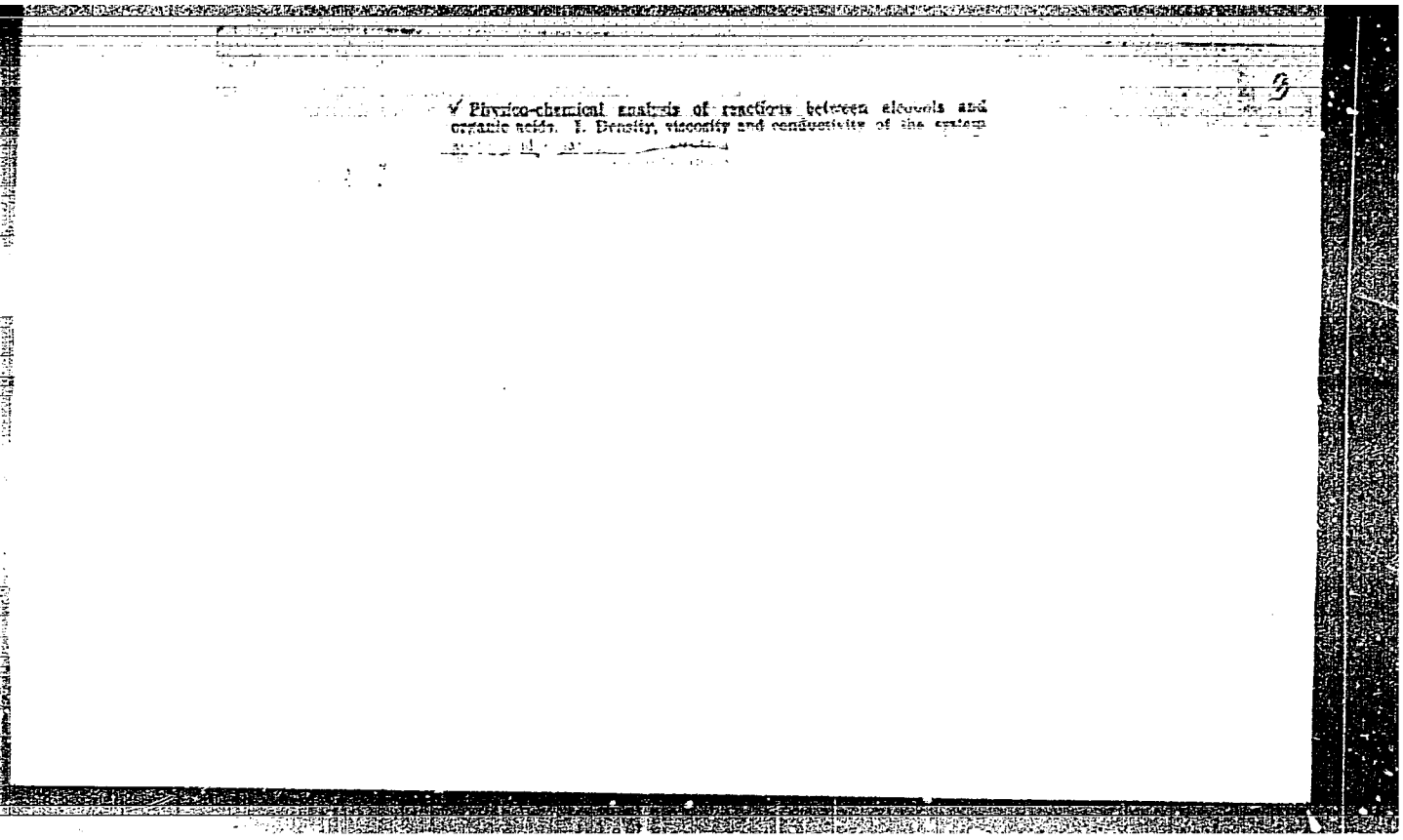

Physico-chemical analysis of reactions between alcohols and organic acids. I. Density, viscosity and conductivity of the system

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUTMAN, Z.S.

DRUTMAN, Z. S. "The Problem of Small Interactions in the Acetic Acid — Ethyl Alcohol System." Min Higher Education Ukrainian SSR. Chernovtsy State U. Chernovtsy, 1956. (Dissertation for Degree of Candidate in Chemical Science)

So: Knizhnaya Letopis', No. 17, 1956.

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

SOV/156-58-3-28/52

AUTHOR: Drutman, Z. S.

TITLE: On the Association Forms of Aliphatic Alcohols and Carboxylic Acid (O formakh assotsiatsii alifaticheskikh spirtov i karbonovykh kislot)

PERIODICAL: Nauchnyye doklady vysshey shkoly, Khimiya i khimicheskaya tekhnologiya, 1958, Nr 3, pp. 513 - 515 (USSR)

ABSTRACT: The theoretical and experimental investigations show that the aliphatic alcohols have two association forms: an annular and a chain form. In a non-polar solvent a process of mutual transformation of the two association forms occurs, which influences the properties of the solutions. The transformation of the association form and the decomposition of the associates is dependent upon the concentration of the solvent. In concentrated solutions the formation of annular associates is characterized by heat emission and an increase in viscosity. A new structure of dimeric carboxylic acid was suggested by means of which the mechanism of the hydrogen exchange and the separation of water in the formation of acid anhydrides can easily be explained. There are 12 references, 9 of which are Soviet.

Card 1/2

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

On the Association Forms of Aliphatic Alcohols and Carboxylic Acid

SOV/156-58-3-28/52

ASSOCIATION: Kafedra fizicheskoy khimii Chernovitskogo gosudarstvennogo universiteta (Chair of Physical Chemistry at Chernovtsy State University)

SUBMITTED: October 14, 1957

Card 2/2

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

AUTHOR: Drutman, Z. S.

TITLE: The Dielectric Polarization of Liquids (Dielektricheskaya polyarizatsiya zhidkostey)

76-32-4-6/43

PERIODICAL: Zhurnal Fizicheskoy Khimii, 1958, Vol. 32, Nr 4, pp. 769-777 (USSR)

ABSTRACT: Polar liquids are divided into two groups: first those in which the molecular polarization decreases equally according to the increase of concentration, and second those strongly associated and strongly polarized liquids in which the molecules can associate through the hydrogen binding (water, alcohol, carboxylic acids and similar ones). The two types of diagrams of the molecular polarization were explained by the Debay theory and were further explained by Sidzhvik, Smays and others. The function of the molecular polarization on the concentration and the temperature proved to be so complicated that a number of contradictions developed. Stranathan for instance, (Reference 5) found that in methanol the polarization in diluted solutions of carbon tetrachloride increases according

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to a rise of temperature, while it decreases in benzene solutions. In the present paper it is investigated to which degree the change of the molecular polarization with modifications of the concentrations of the polar substance and of the non-polar solvent makes it possible to classify the form and nature of association. Two groups of substances were investigated, those associating with a molecular dipole association, and those associating through the hydrogen binding; also measurements of the dielectric permeability and of the density of methanol solutions and acetic acid solutions in benzene and carbon tetrachloride were carried out at 10,30 and 60°C, and were subsequently investigated. From the given diagrams can be concluded that the equation according to Onsager-Kirkwood is more satisfactory than that of Clausius-Mosotti. Among other it is mentioned that the character of the molecular association in substances of the nitrobenzene type and that of alcohols is similar and that they differ only by the nature of the association. The investigations of alcohols showed that the chain- and ring polymers occur as basic association forms the alternating formation or decomposition

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

The Dielectric Polarization of Liquids

76-32-4-6/43

of one of the forms acting on the polarization. With carboxylic acids a specific feature was observed: from the pure acid to the infinite dilution polarization increases according to temperature; it is noticed that the molecules are probably associated with more complicated complexes.
There are 1o figures and 26 references, 1o of which are Soviet.

ASSOCIATION: Chernovitskiy gosudarstvennyy universitet (Chernovtsy State University)

SUBMITTED: October 27, 1956

AVAILABLE: Library of Congress

1. Liquids--Polarization 2. Liquids--Dielectric properties

Card 3/3

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

5(4)

AUTHOR: Drutman, Z. S. SOV/76-33-4-11/32

TITLE: Physico-chemical Analysis of Systems Formed by Alcohols and Organic Acids II (Fiziko-khimicheskiy analiz sistem, obrazovannykh spirtami i organicheskimi kislotami II)

PERIODICAL: Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 4, pp 822-827 (USSR)

ABSTRACT: In a previous paper (Ref 5) it was shown that in the system acetic acid-ethanol some solvatized complex compounds form which contain either more ethanol (I) or more acetic acid (II). In the present case the composition of these compounds is investigated by carrying out the experiments in an indifferent solvent (benzene (III) or carbon tetrachloride (IV)) by heating. Isoconcentrates of different mixing proportions are prepared from the ternary systems (I)-(II)-(III) and (I)-(II)-(IV) and the specific weight (SW), viscosity (V) and the dielectric constant (D) were determined at 10, 30 and 60°C. A relatively complicated dependence of the dielectric properties of the system (I)-(II) on the content of the indifferent solvent may be seen from the tabulated experimental results (Table) carried out with (IV) which is indicative of complicated conversions of the associated complex compounds in the solutions. Two types of association are known for carboxylic acids and aliphatic

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

Physico-chemical Analysis of Systems Formed by Alcohols and Organic Acids II

SOV/76-33-4-11/32

alcohols: chain and ring-shaped association. The author assumes that in the dissolution in indifferent solvents the chain-like complex compounds of (II) are destroyed and ring-shaped dimers form, whereas the ring-shaped complex compounds of (I) first form chains and then are completely decomposed. The conversion of the associated form is completed with the solvent attaining a content of 50-60 mol%. It is a characteristic feature that in (IV) the conversion is completed somewhat earlier than in (III). It was found that in a pure system (I)-(II) and in concentrated solutions mainly complex compounds with a ratio 1 molecule (I) : 2 molecules (II) form and that with an increasing amount of the solvent the amount of the equimolecular complex compounds increases. There are 7 figures, 1 table, and 8 Soviet references.

ASSOCIATION: Chernovitskiy gosudarstvennyy universitet
(Chernovtsy State University)

SUBMITTED: September 11, 1957

Card 2/2

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUTMAN, Z.S.

Physicochemical analysis of systems formed by alcohols with organic acids. Part 3: System ethyl alcohol - chloroacetic acid. Zhur.fiz.khim. 34 no.7:1581-1584 Jl '60.
(MIRA 13:7)

1. Chernovitskiy gosudarstvennyy universitet.
(Ethyl alcohol) (Acetic acid)

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[illegible], Z.S.; [illegible], V.A.; [illegible], F.S.

Solutions of acetic and chloroacetic acids in dioxane. Ukr. khim. zhur. 27 no. 1:50-54 '61. (MIRA 14:2)

1. Chernovitskiy gosudarstvennyy universitet, kafedra fizicheskoy khimii.
(Acetic acid) (Dioxane)

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DRUTMAN, Z.S.; PAMFILOV, A.V., prof., retsenzent; KRAVETS, V.P., prof., retsenzent; SIVER, P.Ya., dots., retsenzent; GRITSENKO, A.P., dots., retsenzent; KOSTYREV, A.I., prof., retsenzent; KOTLYAROV, Yu.L., red.

[Structure of molecules] Stroenie molekul. L'vov, Izd-vo L'vovskogo univ., 1962. 213 p. (MIRA 18:6)

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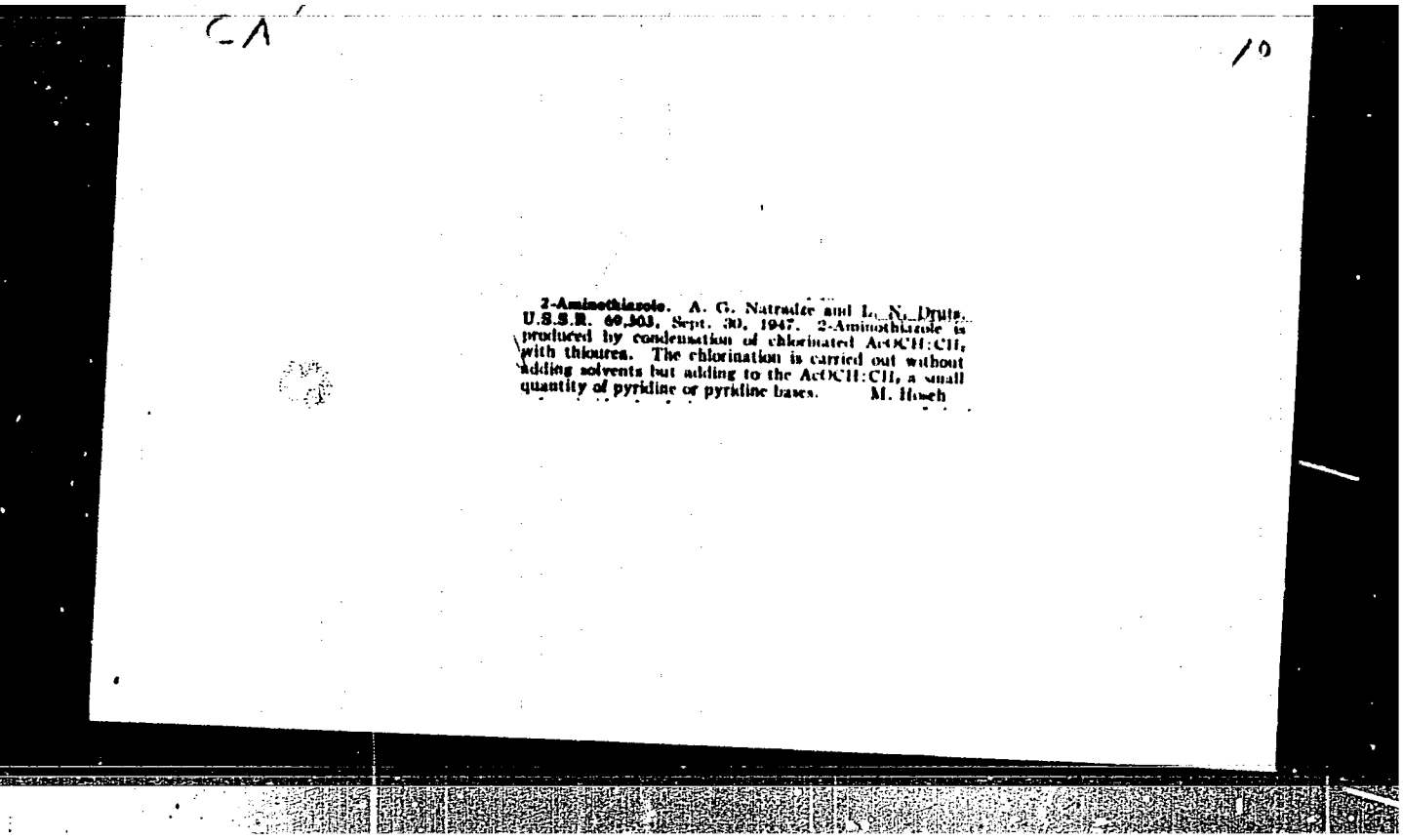

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2-Aminothiazole. A. G. Natradze and L. N. Druts. U.S.S.R. 60,303, Sept. 30, 1947. 2-Aminothiazole is produced by condensation of chlorinated AcOCH:CH, with thiourea. The chlorination is carried out without adding solvents but adding to the AcOCH:CH, a small quantity of pyridine or pyridine bases. M. Hasch

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Brois, Ie. G.

"The Use of Electrolytic Polishing of Dental Drills," Med. prom., No.2, 1948.

All-Union Sci.Res.Inst. of Med. Instruments and Equipment, Kazan Factory for Dental Instruments.

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUTS, YE. G.

137-58-1-1400

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 187 (USSR)

AUTHOR: Druts, Ye. G.

TITLE: The Effect of the Titanium Content in Acid Zinc Baths on the Zinc-plating Process (Vliyaniye soderzhaniya titana v kislykh tsinkovykh vannakh na protsess tsinkovaniya)

PERIODICAL: Materialy po obmenu opytom i nauchn. dostizh. v med. prom-sti, 1957, Nr 3 (22), pp 82-83

ABSTRACT: To check the possibility of producing bright Zn coatings from acid electrolytes (E) in the presence of Ti, two Zn E's with various Ti contents were investigated. The functioning of the E was evaluated by the dispersability, the maximum permissible D_k, and stability with time, while the quality of the Zn coating was evaluated by its appearance, the strength of the junction with the parent metal, solidity, and stability to corrosion. When the Ti content of the E was 0.1-0.25 g/l and D_k was 1-3 amp/dm^2, it proved possible to obtain bright Zn coatings of uniform tint. Addition of 0.1-0.25 g/l of Ti to the E containing naphthalene sulfonic chloride (I) had no noticeable effect on the appearance of the coating or the permissible D_k. Zn precipitates show good

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The Effect of the Titanium Content (cont.)

bonding to the parent metal. The hardness of Zn coatings obtained from baths with added Ti is close to the hardness of Zn coatings from E containing I, and is equal respectively to 0.70-0.77 H_V and 0.76-0.84 H_V. The dispersability of Zn E with added Ti is higher than that of E with added I. Zn E with added Ti is not stable and cannot be recommended for practical utilization.

D. T.

1. Zinc plating--Processes

Card 2/2

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DRUTS, Ye.G.; GOL'BERG, S.Z.

Selection of materials and protective covering for ultrasonic head designs. Nov. med. tekh. no.2:97-101 '62.

(MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh instrumentov i oborudovaniya.

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The spectroscopic laboratory of the Ural aluminum works. L. V. Drutskaya. *Izvest. Akad. Nauk S.S.S.R., Ser. Fiz.* 12, 459-64(1948).—The difficult problem of detg. 0.03–0.04% Zn in Al was solved by the use of a condensed spark with a generator capacity of 7800 cm., self-induction 240,000 cm., 12 kv. The analytical lines used for simultaneous detn. of Fe, Si, Cu, and Zn, are Al 3000, Si 2382, Fe 2774, Zn 3345 A. Ca in electrolytic baths is detd., in the fused electrolyte, by the lines Ca 3179, Al 3082 A.

N. Thon

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUTSKAYA, L. V.

PA 53/49T77

USSR/Metals/Minerals Jul/Aug 48
Spectrum Analysis

"An Experiment in the Work of a Factory's Spectral Laboratory," L. V. Drutskaya, 1 p

"Iz Ak Nauk SSSR, Ser Fiz" Vol XII, No 4

Spectral laboratory, Ural aluminum factory, in the past 2 years has devoted a major part of its energies to solution of two problems: determination of Fe, Si, Cu, and Zn in high-grade aluminums through one spectrogram, and determination of Ca in the electrolyte of electrolytic tanks.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

PA 75T89

USSR/Metals
Aluminum Alloys
Spectrum Analysis

May 1948

"Determination of Iron, Silicon, Copper and Zinc in Aluminum by the Spectrum Method," L. V. Drutskaya, Ural Aluminum Plant, 5 pp

"Zavod Lab" Vol XIV, No 5

Spectrum analysis has been used in Ural plant since 1943 for controlling commercial aluminum production. Describes method and compares results with those obtained by chemical analysis.

75T89

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUTSKAYA, L. V.

PA 160T64

USSR/Metals - Aluminum
Spectrographic Analysis

Apr 50

"Spectrographic Determination of Zinc in Primary Aluminum," L. V. Drutskaya, Ural Aluminum Plant, 1 p

"Zavod Lab" Vol XVI, No 4

Develops spectrographic method for determining zinc using AC-activated arc. Current 3-3.5 amp, electrode diameter 4-5 ml. Breaker is connected to primary circuit to decrease melting of electrodes. Method takes considerably less time than chemical method and gives satisfactory results.

160T64

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUTSKAYA, L.V.

Spectrum analysis of alumina. Izv. AN SSSR. Ser. fiz. 19 no.1:103-104 Ja-F '55. (MLRA 8:9)
(Spectrum analysis) (Spectrometer)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

Spectrographic determination of MgO in limestone. L. V. Druitskaya and I. L. Reznikov. *Zavodskaya Lab.*, 21 [1] 27 (1955).—MgO in amounts of 0.5 to 5% is determined spectrographically by burning in the crater of the carbon electrode. Lines selected were Mg I 3900.30 and for comparison Ca I 3933.68. Probable error was ±3.0% of MgO in the sample. B. F. K.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

SOV/137-58-7-16162

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 319 (USSR)

AUTHOR: Drutskaya, L. V.

TITLE: The Method of Spectroscopic Analysis of Aluminum Oxide and Aluminum Hydroxide (Metod spektral'nogo analiza glinozema i gidrata okisi alyuminiya)

PERIODICAL: Tr., Vses. n.-i. alyumin.-magn. in-ta, 1957, Nr 40, pp 230-253

ABSTRACT: The effect of the mineralogical composition of impurities, the degree of dispersion of the test sample, and the presence of water of crystallization upon the spectroscopic analysis of alumina (A) was studied. A well-ground test sample of A is placed into the discharge area on the rotating Cu disk and in the channel of the carbon electrode (diameter of the channel is 3 mm, the depth is 3 - 3.5 mm). The analysis was conducted in the spark and in the arc. The conditions of the spark analysis are: Generator IG-2, C=0.01 μf, L = 0.15 millihenry, I = 2.5 - 3 amp, constant gap 2.8 mm, analytical gap 3 mm, the upper electrode is flat ground, sparking 10 - 12 sec. The conditions of the arc analysis are: Generator PS-39 I = 5 amp,

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The Method of Spectroscopic Analysis of Aluminum Oxide (cont.)

distance between the discharger disks is 0.7 mm, analytical gap is 2 mm, the upper electrode is shaped as a truncated cone with a tip diameter of 2mm, the firing time is 6 sec. The reproducibility of the results of the analysis is better with multiple filling of the channel during the exposure rather than with a single filling. It is noted that in the determination of SiO_2 in the spark the origin of the silicon dioxide and the mineralogical composition of the impurity have a telling effect. However, the precision of the determination of Fe_2O_3 and Na_2O in the arc is inadequate; therefore, it is recommended that parallel analyses be carried out in the arc and in the spark. It is determined that in the spark-spectroscopic analysis a poor grinding of the test samples leads to excessively high readings. Standard specimens and test samples should have the same particle-size composition (the 25 μ fraction constitutes ~80%). The author recommends grinding the test sample in a vibratory mill for 2 minutes. It is determined that the presence of the water of crystallization produces a displacement of the calibration curves. The analysis of Al hydroxide can be carried out using A standards with the introduction of a constant correction or with the aid of one standard sample of the hydrate. The presence of moisture in the A test samples does not lead to constant errors in the analysis but lowers the reproducibility.

1. Aluminum oxides--Spectrographic analysis 2. Aluminum hydroxides--Spectrographic analysis

Card 2/2

M. N.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUTSKAYA, L.V. ,Cand Tech Sci—(diss) "The use of spectral analysis in the control of the production of aluminum oxide (spectral analysis of aluminum oxidd and hydrate of aluminum oxide)." Len, 1958. 20 pp (State Order of Lenin Optical Inst im S.I.Vavilov), 150 copies (KL,46-58, 140)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUTSKAYA, Liya Vladimirovna; VELIKODVORSKAYA, Alla Markovna; TYUMENEVA, S.T., inzh., red.; FREGER, D.P., red. izd-va; GVIRTS, V.L., tekhn. red.

[Particular features of the spectral analysis of alumina and bauxite]Nekotorye osobennosti spektral'nogo analiza glinozema i boksita. Leningrad, 1962. 19 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' kachestva produktsii, no.6) (MIRA 15:8)
(Alumina—Spectra) (Bauxite—Spectra)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUTSKAYA, L.V.; SHTIPEL'MAN, Zh.V.

Applicability of a plasmatron in analyzing some powdered materials. Zhur. prikl. spekt. 2 no.3:267-269 Mr '65. (MIRA 18:6)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUTSKIY, M.M. [Drats'kyi, M.M.], inzh.-mekhanik

Our help to collective farms in the repair of agricultural machinery. Mekh.sil'hosp. 10 no.2:13-14 F '59.
(MIRA 12:6)
(Agricultural machinery--Maintenance and repair)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

VINTER, A.V.; NEKRASOV, A.M.; SYROMYATNIKOV, I.A.; VOZNESENSKIY, A.N.; VASILENKO, P.I.; LAUPMAN, P.P.; TERMAN, I.A.; VINOGRADOV, N.P.; ANTOSHIN, N.N.; ALEKSANDROV, B.K.; USPENSKIY, B.S.; KLASSON, I.R.; KHMYFITS, M.E.; DRUTSKIY, V.E.; KRACHKOVSKIY, N.N.; POPOV, P.A.; CHELIDZE, I.M.; FILARETOV, S.N.; KOZLOV, M.D.; BERLIN, V.Ya.; SARADZHEV, A.Kh.; GORDZIYEVICH, I.S.; PAK, V.P.; DORFMAN, S.M.; DUBINSKIY, L.A.; UL'YANOV, S.A.; GRUDINSKIY, P.G.; KUVSHINSKIY, N.N.; ERMOLENKO, V.M.

Mikhail Mikhailovich Karpov. Elek.sta. 27 no.10:62 O '56. (MLRA 9:12)
(Karpov, Mikhail Mikhailovich, d.1956)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

DRUTSKIY, V.F., inzh.; USPENSKIY, B.S., inzh.

Problems of organizing dispatcher control of power systems.
Elek.sta. 31 no.1:90-91 Ja '60. (MIRA 13:5)
(Power engineering)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000411310003-8

ALEKSEYEV, Valentin Borisovich; DRUTSKO, Vitaliy Pavlovich; MITASOV, Yevgeniy Timofeyevich; PEVZNER, G.Ye., otv. red.; CHERNEGOVA, E.N., red. izd-va; OVSEYENKO, V.G., tekhn. red.; SABITOV, A., tekhn. red.

[Drift miner] Prokhodchik gorizontal'nykh i naklonnykh gornykh vyrabotok. Moskva, Gosgortekhizdat, 1963. 210 p. (MIRA 16:6)
(Mining engineering)

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